

TCF3 Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA2643
Host	Mouse
Isotype	Mouse IgG1
Size	100 μ L, 50 μ L
Immunogen	Purified recombinant fragment of human TCF3 expressed in E. Coli.
Mol wt	67.6kDa
Species reactivity	Human
Clonality	Monoclonal
Recommended application	WB,FCM
Concentration	N/A
Full name	N/A
Synonyms	E2A;ITF1;VDIR;bHLHb21;MGC129647;MGC129648;TCF3

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

Heterodimers between TCF3 and tissue-specific basic helix-loop-helix (bHLH) proteins play major roles in determining tissue-specific cell fate during embryogenesis, like muscle or early B-cell differentiation. Dimers bind DNA on E-box motifs: 5'-CANNTG-3'. Binds to the kappa-E2 site in the kappa immunoglobulin gene enhancer.

Recommended Dilution

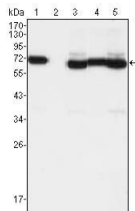
WB: 1:500 - 1:2000

FCM: 1:200 - 1:400

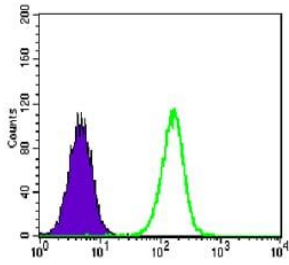
ELISA: 1:10000

Not yet tested in other applications.

Images



Western blot analysis using TCF3 mouse mAb against A549 (1), A431 (2), HeLa (3), PANC-1 (4) and PC-3 (5) cell lysate.



Flow cytometric analysis of A549 cells using anti-TCF3 mAb (green) and negative control (purple).

Storage

Store at 4°C short term. Aliquot and store at -20°C long term.

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